A. Permit Certificate

INDUSTRIAL
WASTEWATER-LAND APPLICATION PERMIT
LA-000156-03

Stanley Sewer Association, LOCATED AT P.O. Box 175, North Fork, ID 83466 AND IN **Custer County, Township T10N, Range R13E, Sections 20 and 21** IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE WASTEWATER REUSE RULES (IDAPA 58.01.17) AND WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT, APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON **(60 months from issue date)**.

James Johnston, Regional Administrator
Date:
Idaho Falls Regional Office
Idaho Department of Environmental Quality

DEPARTMENT OF ENVIRONMENTAL QUALITY
900 N. Skyline, Suite B
Idaho Falls, ID 83402
(208) 528-2650

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

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1. Environmental Monitoring Serial Numbers
2. Site Maps
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   b) Figure 2. Treatment Site. *Forsgren Associates, Inc. Fig. no. 2, Project no. 198164*
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References

1. Plan of Operation (Operation and Maintenance Manual), to be submitted pursuant to compliance activity CA-156-01

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000156-03 and are enforceable as such. This permit does not relieve Stanley Sewer Association, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practices
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days)
GW	Ground Water
GWQR	IDAPA 58.01.11 "Ground Water Quality Rule"
Guidance	Guidance for Land Application of Municipal and Industrial Wastewater
HLRgs	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
HLRngs	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLRngs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop: $IWR = IR / E_i = (CU - P_e) / E_i$ Where: IR = net irrigation requirement = $CU - P_e$ CU = consumptive use (crop evapotranspiration) for a given crop in a given climatic area P_e = effective precipitation. E_i = irrigation system efficiency.
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per Reporting Year)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days)
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
SAR	Sodium Absorption Ratio

C. Abbreviations, Definitions

SI	Supplemental Irrigation water applied to the land application treatment site.
Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA's) for point sources, Load Allocations (LA's) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 *Water Quality Standards and Wastewater Treatment Requirements*
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31. For example, the 2006 Reporting Year would be November 01, 2005 through October 31, 2006.
WW	Wastewater applied to the land application treatment site

D. Facility Information

Legal Name of Permittee	Stanley Sewer Association
Type of Wastewater	Municipal Wastewater
Method of Treatment	Land Treatment – Facultative lagoons, chlorine disinfection and slow rate land application
Type of Facility	Municipal
Facility Location	Approximately two miles south of Stanley, ID.
Legal Location	T10N, R13E, Sections 20 and 21
County	Custer
USGS Quad	Stanley
Soils on Site	Alluvial soils with granite outcroppings(dark grayish-brown gravelly loam to multicolored, extremely gravelly loamy coarse sand)
Depth to Ground Water	Approximately six (6) to seventy-six (76) feet.
Beneficial Uses of Ground Water	Agriculture, domestic, and aquaculture.
Nearest Surface Water	Meadow Creek and Salmon River
Beneficial Uses of Surface Water	Agricultural Irrigation, Aquaculture, Primary and Secondary Contact Recreation
Responsible Official Mailing Address **Phone / Fax**	Stanley Sewer Association - President Mr. Richard Neustaedter P.O. Box 175 North Fork, ID 83466 Home: (208) 774-3529 Cell: (208) 720-0240

E. Compliance Schedule for Required Activities

The *Activities* in the following table shall be completed on or before the *Completion Date* unless modified by the Department in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-156-01 Plan of Operation **Six (6) Months After Permit Issuance**	An updated Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater reuse facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and comment. The O&M manual shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to assess the adequacy of wastewater treatment facility operation. The Plan of Operation shall contain at a minimum all of the information required by the latest revision of the Plan of Operation Checklist in the Reuse Program Guidance. The Plan of Operation shall also include a Quality Assurance Project Plan (QAPP) for monitoring required in this permit. The plan shall cover field activities; laboratory analytical methods and other activities; data verification and validation; data storage, retrieval and assessment; and monitoring program evaluation and improvement. Upon approval, the manual shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.
CA-156-02 Seepage Testing **Prior to the End of the 2011 Operating Year**	Submit a seepage testing plan that defines the approach and testing procedures to conduct seepage testing in accordance with methods approved by DEQ on all wastewater storage structures. Upon approval of the plan, conduct the seepage testing of the structures in the approved plan and submit test results to DEQ. The seepage performance standard is 0.25 inches per day. If a properly tested lagoon leaks more than 0.25 inches per day, the permittee shall either: a) Submit, for DEQ approval, a plan and schedule to either retest, repair, replace, or decommission structures not meeting this standard or b) Develop a plan based on ground water sampling and analyses and/or modeling to determine the effect of the lagoon leakage on the local ground water. If actual or predicted impacts do not comply with IDAPA 58.01.11 as determined by DEQ, the permittee shall comply with a) above.
CA-156-03 Irrigation Plan **Prior to 2008-2009 Operating Year**	Submit an irrigation plan to DEQ for review and approval. The irrigation plan shall address the use of both wheel lines and one hand line to ensure even distribution of water across the entire land application site. No more than one line may be operated at any time. Upon approval, the irrigation plan shall be incorporated by reference into this permit and shall be enforceable as part of this permit.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Type of Wastewater	Municipal Wastewater
Certified Operator	The permittee shall comply with the Operator Certification requirements specified in Wastewater Rules (IDAPA 58.01.16): a) The system shall be operated and managed by personnel certified and licensed in the State of Idaho wastewater operator-training program as specified in IDAPA 58.01.16, Section 203 and properly trained to operate and maintain the system; and b) The wastewater operator class level shall be at, or above the class determined by IDAPA 58.01.16, Section 202.
Application Site Area	103 acres total
Application Season	Growing Season Only
Growing Season (GS)	May 1st through October 31st
Non-growing Season (NGS)	November 1st through April 30th
Reporting Year for Annual Loading Rates	January 1st through December 31st
Annual Report Deadline	March 31st of each year
Growing Season Hydraulic Loading Rate, each HMU (Applies to wastewater and supplemental irrigation water).	Growing Season (GS) Hydraulic Loading Rate shall not exceed the seasonal total of 56.1 MG or 20 inches/acre per HMU. No more than one wheel or hand line may be operated at any time to ensure accurate effluent flow records. Compliance with the per-acre limit shall be determined using the actual acreage utilized.
Non-Growing Season Maximum Hydraulic Loading Rate	Land application of wastewater is not permitted during the NGS.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Livestock Grazing	No grazing activities are permitted at the land application site.
Ground Water Quality	Ground Water Quality shall be in compliance with *Idaho Ground Water Quality Rule* IDAPA 58.01.11
Maximum COD Loading, seasonal average in Pounds/acre-day, each HMU	50 lb/acre-day seasonal average for growing season
Maximum Nitrogen Loading Rate, pounds/acre-year, each HMU (from all sources including waste solids and supplemental fertilizers)	50 lb/acre-year
Construction Plans	Prior to construction or modification of all wastewater facilities associated with the reuse system or expansion, detailed plans and specifications shall be reviewed and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans to DEQ or submit a certification letter stating that all construction was done in substantial compliance with DEQ approved plans and specifications.
Buffer Zones	All buffer zones must comply with, at minimum, local zoning ordinances. Other minimum buffer zone requirements are as follows: • 300 ft between reuse site and inhabited dwellings • 0 ft between reuse site and areas accessible by the public • 100 ft between reuse site and permanent and intermittent surface water • 500 feet from reuse site and private water supply wells[1] • Berms and other BMPs shall be used to protect the well head of on-site wells. 1) These buffer zone distances shall be maintained unless a Department approved well location acceptability analysis indicates an alternative buffer zone is acceptable

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Odor Management	The land application facilities and other operations associated with the facility shall not create a public health hazard or nuisance conditions including odors.
Fencing and Posting	Signs stating that land application site is "Irrigated with Reclaimed Wastewater – Do Not Drink" or equivalent are to be posted every 250 feet and at each corner of the outer perimeter of the buffer zone(s) of the site.
Runoff Control	No runoff of wastewater allowed. Furrow and sprinkler irrigation: Operate and maintain structures and BMPs for supplemental irrigation water sediment control in accordance with DEQ approved plan.
Allowable Crops	Only native vegetation is allowed to grow on the land application site.
Disinfection Requirement	The median number of total coliform organisms from the last five (5) results must not exceed 23/100 milliliters. In addition, no single sample value shall exceed 240/100 milliliters.

G. Monitoring Requirements

1) Appropriate analytical methods, as given in the *Idaho Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the facility's Quality Assurance Project Plan (QAPP), which shall be part of the Operation and Maintenance Manual.

2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.

3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.

4) Unless otherwise agreed to in writing by DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table on the following pages. Wastewater monitoring is required at the frequency show in the table below if wastewater is applied anytime during the time period shown.

5) Ten (10) soil sample locations shall be selected for each Soil Monitoring Unit (SMU) with greater than fifteen acres and Five (5) soil sample locations shall be selected for each SMU with fifteen acres or less. Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches, or refusal. The soil samples collected at each depth shall be composited to yield three (3) samples for analysis from each SMU.

6) Ground Water Monitoring Procedure: Ground Water Monitoring Wells shall be purged a minimum of three casing volumes and/or until field measurements for pH, specific conductance and temperature meet the following conditions: two successive temperature values measured at least five minutes apart are within one degree Celsius of each other, pH values for two successive measurements measured at least five minutes apart are within 0.2 units of each other, and two successive specific conductance values measured at least five minutes apart are within 10% of each other. This procedure will determine when the wells are suitable for sampling for constituents required by the permit. Other procedures, such as low flow sampling, may be considered by DEQ for approval. The static water level shall be measured prior to pumping or sampling for ground water.

7) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.

8) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Twice per month (Application season only)	Irrigation pump house	Grab sample	Total coliform
Weekly (Application season only)	Irrigation pump house	Grab sample	Chlorine residual
Daily (Application season only)	Wastewater effluent flow meter	Volume and depth of wastewater applied to land application site	Volume (MG) and Depth (Inches/acre)
Monthly (Application season only)	Irrigation pump house	Grab sample	Total Kjeldahl Nitrogen Nitrate-Nitrogen Total Phosphorous
Twice per year (May and Sept.)	Three (3) groundwater-monitoring wells	Refer to note 6 of Section H. of this permit.	Static Water Level Nitrate-Nitrogen Total Phosphorous Total Iron Dissolved Iron Total Manganese Dissolved Manganese Chloride pH
Annually (prior to growing season)	Each soil monitoring unit	Refer to note 5 of Section H. of this permit.	Electrical Conductivity Nitrate-Nitrogen Ammonia Nitrogen Plant-available Phosphorous pH

H. Standard Reporting Requirements

1.) The Permittee shall submit an Annual Wastewater Reuse Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than March 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility. The Annual Report shall include ground water contour maps indicating ground water elevations and direction of flow for each monitoring period.

2.) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.

3.) The annual report shall be submitted to the Engineering Manager in the applicable Regional DEQ Office.

Idaho Falls Regional Office
900 N. Skyline, Suite B
Idaho Falls, ID 83402
208-528-2650

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.
Wastewater Program Manager
1410 N. Hilton
Boise, ID 83706
208-373-0561

4.) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.

5.) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater Reuse Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.

2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site. Wastewater discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.

3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.16.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:

   a. Apply wastewater as evenly as practicable to the treatment area;
   b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
   c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.

4. The permittee shall not hydraulically overload any particular areas of the wastewater reuse treatment site.

5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.

6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Wastewater Reuse Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.

7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:

   a. Enter the permitted facility,
   b. Inspect any records that must be kept under the conditions of the permit.
   c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
   d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.

8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:

   a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
   b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
   c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

      DEQ Regional Office: see Permit Certificate Page
      Emergency 24 Hour Number: 1-800-632-8000

   d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:

i. A description of the non-compliance and its cause;
ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.

e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.

9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.

10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.

2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.

3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.

4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.

5. Any person violating any provision of the Wastewater Reuse Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars ($10,000) or one thousand dollars ($1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.

6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Reuse Permit Regulations.

7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.

8. If, pursuant to Idaho Code 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.

9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.

10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Current Serial Number	Obsolete Serial Number	Description	Acres	Activity Status
MU-015601	NA	Two (2) wheel lines or one (1) hand line	103	ACTIVE

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-015602	Irrigation pump inside the treatment facility housing structure

SOIL MONITORING UNITS

Current Serial Number	Obsolete Serial Number	Description	Current Associated MU	Obsolete Associated MU	Activity Status
SU-015601	NA	Wheel line or hand line	MU-015601	NA	ACTIVE

GROUND WATER MONITORING

Serial Number	Description	Activity Status
GW-015601	Up-gradient monitoring well 1	ACTIVE
GW-015602	Down-gradient monitoring well 2	ACTIVE
GW-015603	Down-gradient monitoring well 3	ACTIVE

LAGOONS

Serial Number	Description
LG-015601	Pond # 1
LG-015602	Pond # 2
LG-015603	Pond # 3

Site Maps

a) Figure 1. Site Map. *Forsgren Associates, Inc. Figure no. 1, Project no. 198164.*

b) Figure 2. Treatment Site. *Forsgren Associates, Inc. Figure no. 2, Project no. 198164.*

c) Figure 3. Hydraulic Profile. *Forsgren Associates, Inc. Figure no. 3, Project no. 198164.*

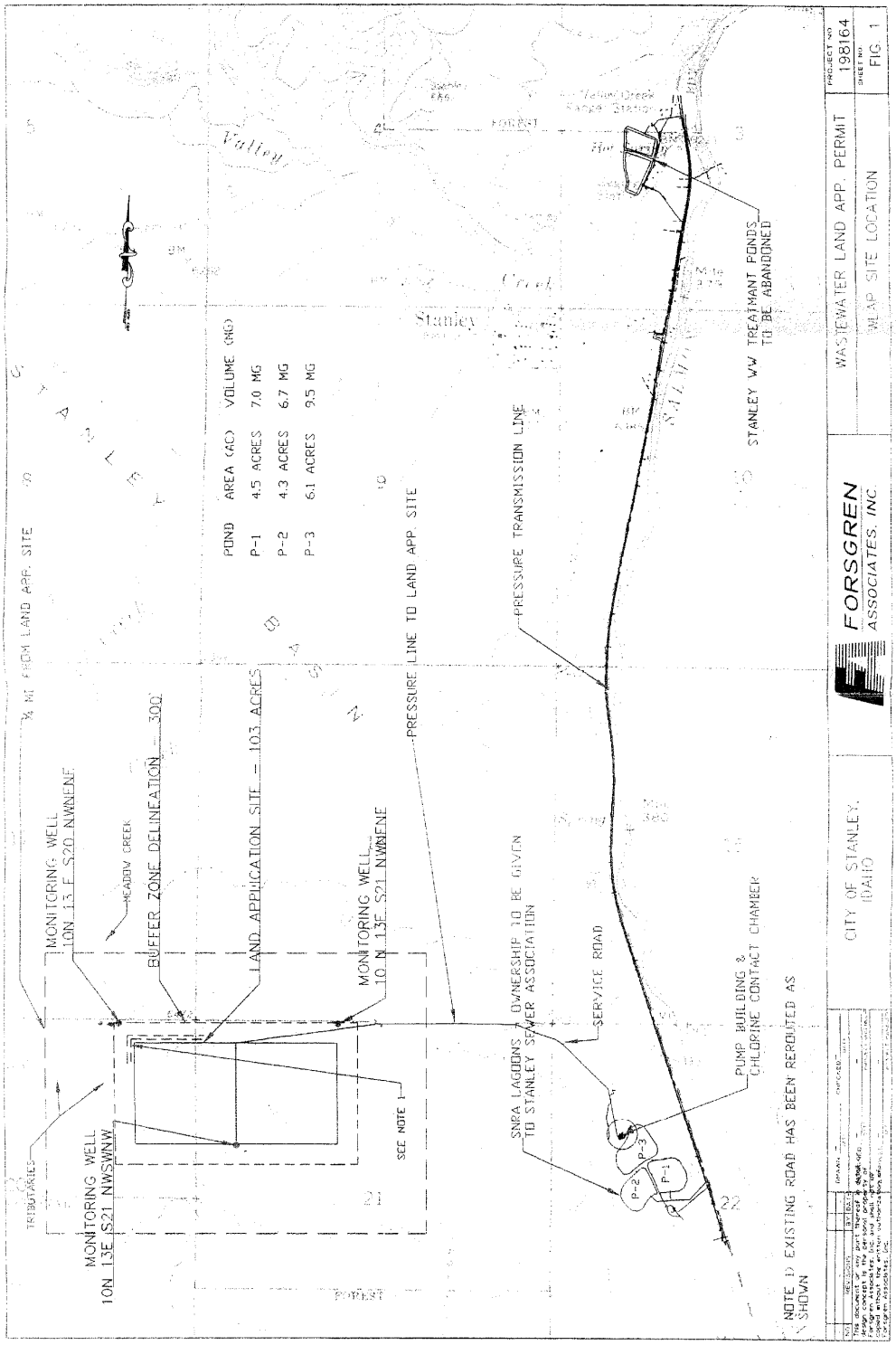
d) Figure 4. Schematic of hydraulic management unit designation.

e) Figure 5. Pump Building Layout Mechanical Plan. *Forsgren Associates, Inc. Sheet T-4, Project no. 198164.*

f) Figure 6. Pump Building Details. *Forsgren Associates, Inc. Sheet T-10, Project no. 198164.*

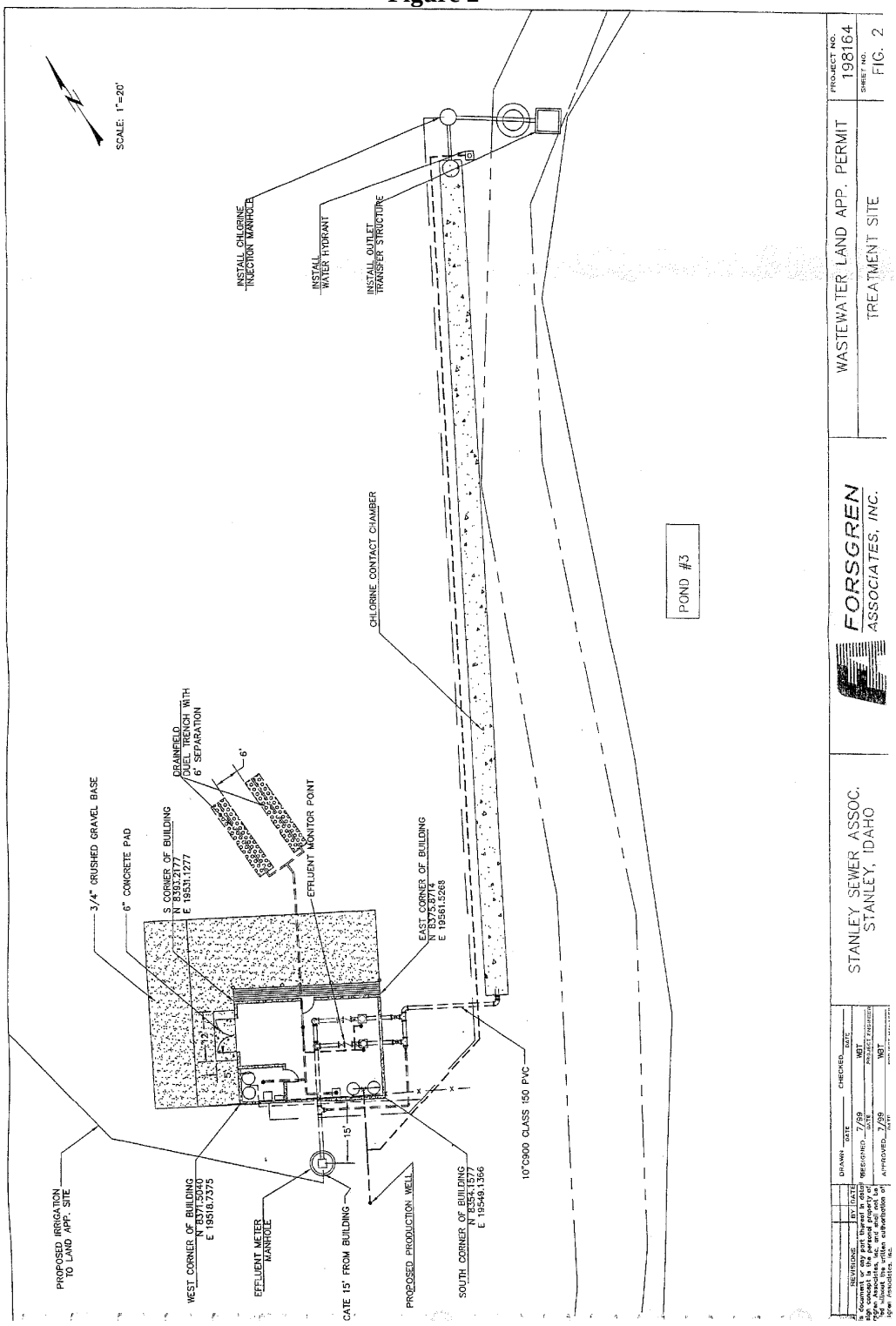
Appendix 2
Site Maps

Figure 1



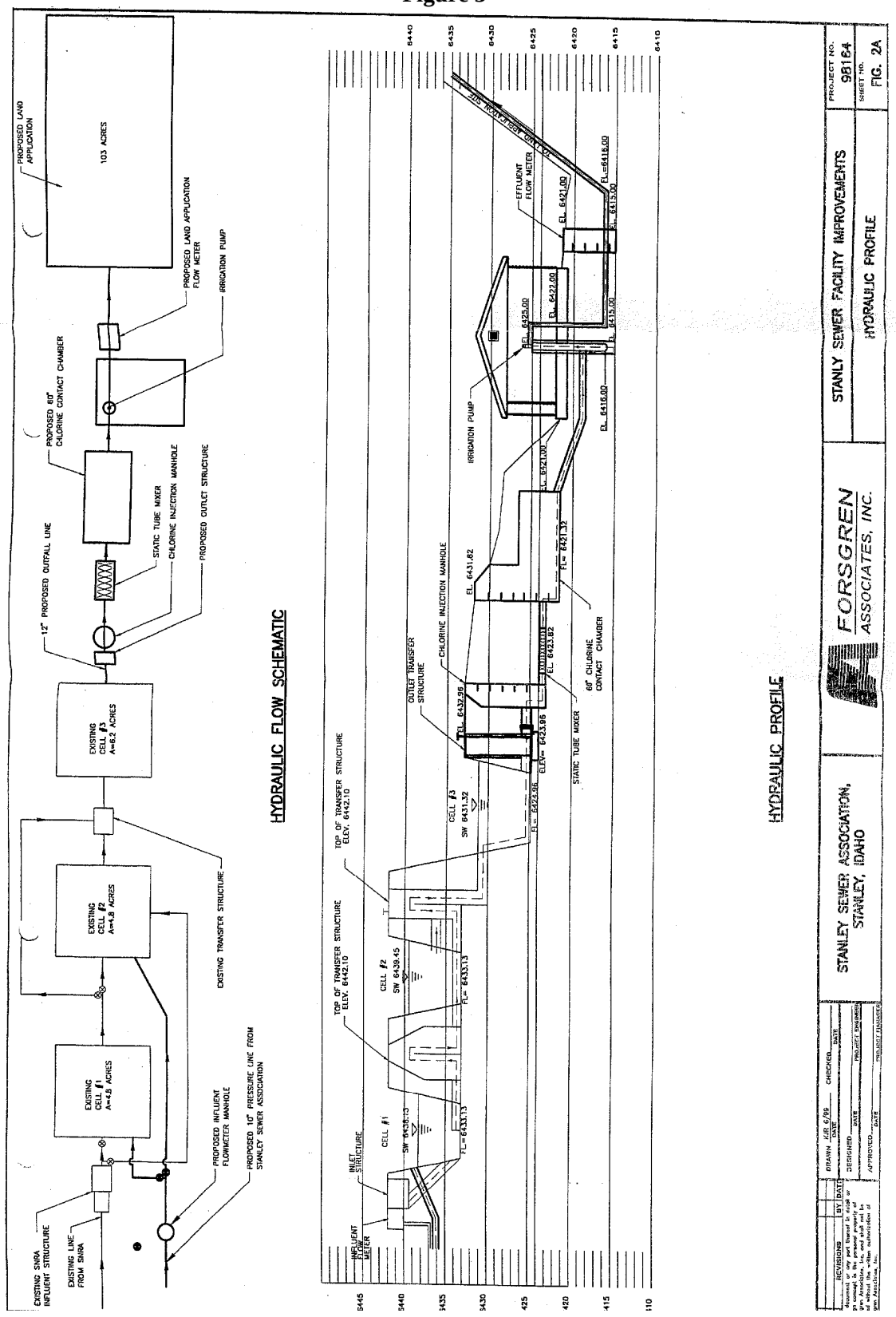
Appendix 2
Site Maps

Figure 2



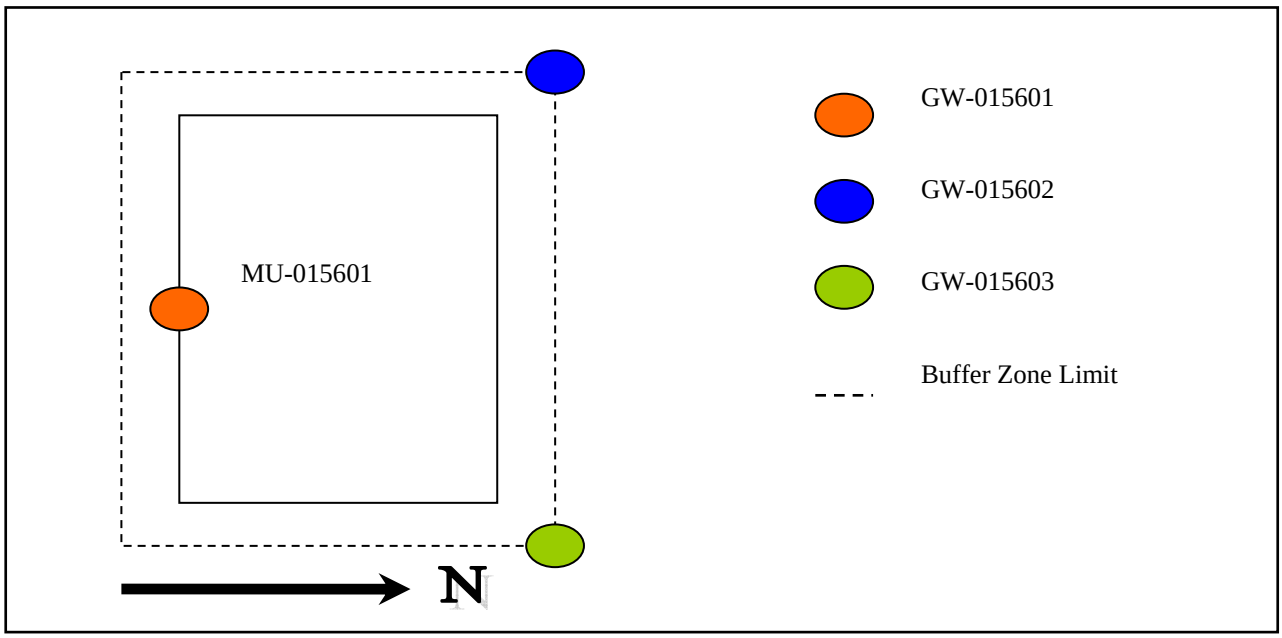
Appendix 2
Site Maps

Figure 3



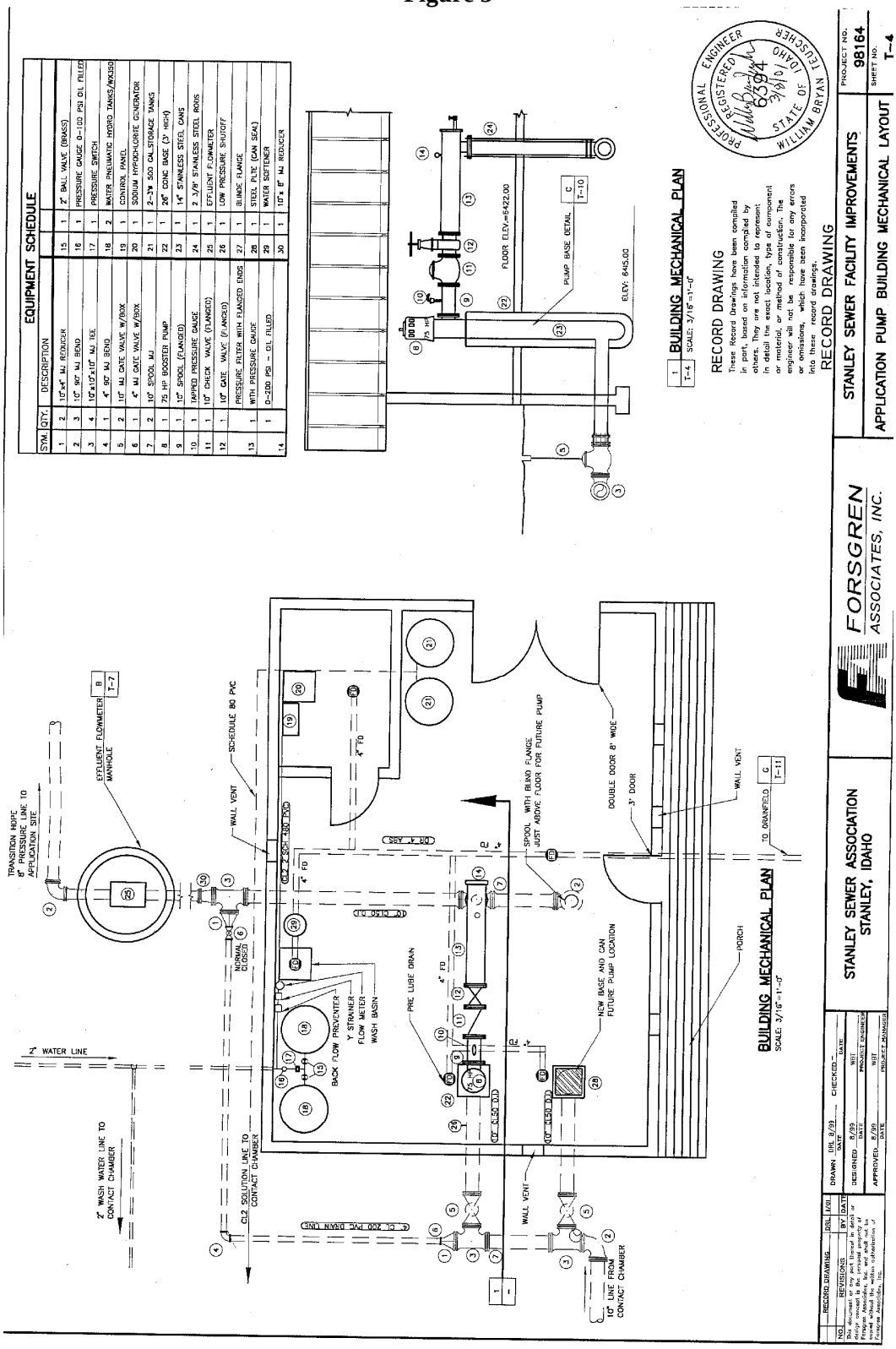
Appendix 2
Site Maps

Figure 4



Appendix 2
Site Maps

Figure 5



Appendix 2
Site Maps

Figure 6